# COMBINED DE RATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (Includes Reference to PCT International Applications)

ATTORNEY'S DOCKET NUMBER
19603/461 (CRF D-1595A)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DETECTION OF NUCLEIC ACID SEQUENCE DIFFERENCES USING THE LIGASE

DETECTION REACTION WITH ADDRESSABLE ARRAYS

the spec	cification of	which	(check onl	y one i	ten	n below):				
[ ]	is attached	hereto								
[X]	was filed as	Unite	d States ap	plicati	lon					
	Serial No. <u>08/794,851</u> on February 4, 1997									
	and was amended									
	on							\-	ir appricab	107.
[ ]	was filed as	PCT i	nternationa.	ıl appli mended	Lca	tion Number der PCT Artic	cle 19	on		
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this ap	plication in	accord	lance with T	itle 37	7, (	Code of Feder	cal Re	gulati	ons, § 1.5	6(a).
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COMBINED DECLARATION FOR PATENT APPLICATION
AND POWER OF TORNEY (Continue)

ATTORNEY'S DOCKET NUMBER 19603/461 (CRF D-1595A)

power OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/o: agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. Michael L. Goldman, Registration No. 30,727

Send Correspondence to: Michael L. Goldman Nixon, Hargrave, Devans & Doyle LLP Clinton Square, P. O. Box 1051 Rochester, New York 14603

Direct Telephone Calls to: (name and telephone number) Michael L. Goldman (716) 263-1304

<b> </b>	Rochester, New York 14603			(716) 263-1304
_	FULL NAME OF INVENTOR	FAMILY NAME Barany	FIRST GIVEN NAME Francis	SECOND GIVEN NAME
2 0 1	RESIDENCE & CITIZENSHIP	CITY New York	STATE/FOREIGN COUNT New York	RY COUNTRY OF CITIZENSHIP USA
	POST OFFICE ADDRESS	P.O. ADDRESS 450 E. 63rd Street	CITY	STATE & ZIP CODE/CTRY
<b> </b>		Apt. #12C	New York	New York 10021/USA
2	FULL NAME OF INVENTOR	FAMILY NAME Barany	FIRST GIVEN NAME George	SECOND GIVEN NAME
0 2	RESIDENCE & CITIZENSHIP	CITY Falcon Heights	STATE/FOREIGN COUNT Minnesota	RY COUNTRY OF CITIZENSHIP USA
	POST OFFICE ADDRESS	P.O. ADDRESS 1813 Prior Ave. North	CITY Falcon Heights	STATE & ZIP CODE/CTRY Minnesota 55113/USA
	FULL NAME OF INVENTOR	FAMILY NAME Hammer	FIRST GIVEN NAME Robert	SECOND GIVEN NAME
2 - 0 - 3 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	RESIDENCE & CITIZENSHIP	CITY Baton Rouge	STATE/FOREIGN COUNT Louisiana	RY COUNTRY OF CITIZENSHIP USA
	POST OFFICE ADDRESS	1 (111		STATE & ZIP CODE/CTRY Louisiana 70808/USA
	FULL NAME OF FAMILY NAME INVENTOR Kempe		FIRST GIVEN NAME Maria	SECOND GIVEN NAME
0.	RESIDENCE & CITIZENSHIP	CITY Minneapolis	STATE/FOREIGN COUNT:	COUNTRY OF CITIZENSHIP Sweden
	POST OFFICE ADDRESS	P.O. ADDRESS 401 South 1st Street, Apt. 1404	CITY Minneapolis	STATE & ZIP CODE/CTRY Minnesota 55401/USA
	FULL NAME OF INVENTOR	FAMILY NAME Blok	FIRST GIVEN NAME Herman	SECOND GIVEN NAME
0 5	RESIDENCE & CITIZENSHIP	CITY Wemeldinge	STATE/FOREIGN COUNTI	COUNTRY OF CITIZENSHIP Netherlands
	POST OFFICE ADDRESS	P.O. ADDRESS Westelijke Kanaalweg 53	CITY Wemeldinge	STATE & ZIP CODE/CTRY 4424 BG Wemeldinge /Netherlands
2	FULL NAME OF INVENTOR	FAMILY NAME Zirvi	FIRST GIVEN NAME Monib	SECOND GIVEN NAME
0 6	RESIDENCE & CITIZENSHIP	CITY New York	STATE/FOREIGN COUNTI	COUNTRY OF CITIZENSHIP USA
	POST OFFICE ADDRESS	P.O. ADDRESS 420 E. 70th Street Apt. 5J	CITY New York	STATE & ZIP CODE/CTRY New York 10021/USA

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statement may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201	SIGNATURE OF INVENTOR 202	SIGNATURE OF INVENTOR 203
DATE April 17, 1997	DATE	DATE
SIGNATURE OF INVENTOR 204	SIGNATUR OF INVENTOR 205	SIGNATURE OF INVENTOR 206
DATE	DATE	DATE April 17 1997

37

## COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (Includes Reference to PCT International Applications)

ATTORNEY'S DOCKET NUMBER

19603/461 (CRF D-1595A)

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the spec	cification of	which	(check only	one item	below):				
[ ]	is attached h	nereto	•						
[x]	was filed as Serial No			plication	-				
	on	Febru	ary 4, 1997						
	and was amend						(i	f applicabl	Le).
[]		PCT i	nternationa	l applicat	tion Number _				
	was filed as on(if applicab		_ and was a	mended und	der PCT Artic	le 19	on		
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specifi	y state that : cations, incl	uding	the claims,	as amende	ed by any ame	ndment	rete	rred to abo	ove.
this ap	wledge the duplication in	accord	ance with T	itle 37, (	Code of Feder	al Reg	Julati	ons, § 1.56	(a).
fereign application and have certification the	y claim foreign application (ation(s) design realso identificate or any Part of the United State of the Control of	s) for nating fied b CT int es of	patent or at least or elow any fo ernational America fil	inventor's ne country reign app application ed by me	s certificate y other than lication(s) f on(s) designa on the same s	the Ur tor pat ting a subject	any nited cent o at lea matt	States list or inventor st one cou	ed below 's htry other
	FOREIGN/PCT AP	PLICAT	ION(S) AND	ANY PRIOR	ITY CLAIMS U	NDER 3	5 U.S.	C. 119:	
	COUNTRY				DATE OF FII	Į.		PRIORITY C	LAIMED
(IF PC	T, indicate "	PCT")	APPLICATIO	N NUMBER	(day, month, y	rear)		UNDER 35 U	SC 119
τ	JNITED STATES		60/011	1,359 9 FEB 199		96		[X] YES [	] NO
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applic Americ of thi provid duty t § 1.56 nation	by claim the hation(s) or Post a that is/are s application ed by the first o disclose material or PCT Interest and the second of	CT into listed is no st par terial urred ernati	ernational and the below and the disclosed agraph of Tomermation between the onal filing	application, insofar in that/title 35, The as defined date of the applications of the applications are applications.	on(s) designa as the subje those prior a Jnited States are of the prethis applicat	ting to ct mat pplica Code, 37, Co ior ap ion:	ter of the control of	f each of t s) in the m 2, I acknow Federal Re tion(s) and	the claims hanner vledge the gulations in the
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## COMBINED DECLARAT FOR PATENT APPLICATION AND POWER OF ATTORNEY (Continue)

ATTORNEY'S DOCKET NUMBER 19603/461 (CRF D-1595A)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. Michael L. Goldman, Registration No. 30,727

Send Correspondence to: Michael L. Goldman Nixon, Hargrave, Devans & Doyle LLP Clinton Square, P. O. Box 1051 Rochester, New York 14603 Direct Telephone Calls to: (name and telephone number) Michael L. Goldman (716) 263-1304

		Clinton So Rochester,	nuare, P. O. Box 1051 New York 14603	Michael L. Goldman (716) 263-1304	
		FULL NAME OF INVENTOR	FAMILY NAME Barany	FIRST GIVEN NAME Francis	SECOND GIVEN NAME
2		RESIDENCE & CITIZENSHIP	SIDENCE & CITY		RY COUNTRY OF CITIZENSHIP USA
1	T	POST OFFICE	P.O. ADDRESS	CITY	STATE & ZIP CODE/CTRY
		ADDRESS	450 E. 63rd Street Apt. #12C	New York	New York 10021/USA
		FULL NAME OF INVENTOR	FAMILY NAME Barany	FIRST GIVEN NAME George	SECOND GIVEN NAME
2 0 2		RESIDENCE & CITIZENSHIP	CITY Falcon Heights	STATE/FOREIGN COUNT Minnesota	USA
		POST OFFICE ADDRESS	P.O. ADDRESS 1813 Prior Ave. North	CITY Falcon Heights	STATE & ZIP CODE/CTRY Minnesota 55113/USA
ų.		FULL NAME OF INVENTOR	FAMILY NAME Hammer	FIRST GIVEN NAME Robert	SECOND GIVEN NAME P.
2		RESIDENCE & CITIZENSHIP	CITY Baton Rouge	STATE/FOREIGN COUNT Louisiana	TRY COUNTRY OF CITIZENSHIP USA
ı	POST OFFICE P.O. ADDRESS ADDRESS 4967 Tulane Drive		CITY Baton Rouge	STATE & ZIP CODE/CTRY Louisiana 70808/USA	
	1	FULL NAME OF	FAMILY NAME Kempe	FIRST GIVEN NAME Maria	SECOND GIVEN NAME
		RESIDENCE &	CITY Minneapolis Lund	STATE/FOREIGN COUN Minneseta Sweden	TRY COUNTRY OF CITIZENSHIP Sweden
l I		POST OFFICE P.O. ADDRESS Storestons in Apt. 1404  POST OFFICE ADDRESS Storestons in Minneapolis Lund  Apt. 1404		STATE & ZIP CODE/CTRY  Minnesota 55401/USA  5-222 21 Lund . Sweden	
		FULL NAME OF INVENTOR	FAMILY NAME Blok	FIRST GIVEN NAME Herman	SECOND GIVEN NAME
	2 0 5	RESIDENCE & CITIZENSHIP	CITY Wemeldinge	STATE/FOREIGN COUN Netherlands	NTRY COUNTRY OF CITIZENSHIP Netherlands
	Ð	POST OFFICE ADDRESS	P.O. ADDRESS Westelijke Kanaalweg 53	CITY Wemeldinge	STATE & ZIP CODE/CTRY 4424 BG Wemeldinge /Netherlands
		FULL NAME OF	FAMILY NAME Zirvi	FIRST GIVEN NAME Monib	SECOND GIVEN NAME
	2 0 6	RESIDENCE & CITIZENSHIP	CITY New York	STATE/FOREIGN COU	USA
	o	POST OFFICE ADDRESS	P.O. ADDRESS 420 E. 70th Street Apt. 5J	CITY New York	STATE & ZIP CODE/CTRY New York 10021/USA

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statement may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201	SIGNATURE OF INVENTOR 202	SIGNATURE OF INVENTOR 203
DATE	DATE May 6, 01997	DATE
SIGNATURE OF INVENTOR 204	SIGNATUR OF INVENTOR 205	SIGNATURE OF INVENTOR 206
DATE May 20, 1997	DATE	DATE

#### COMBINED LARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (Includes Reference to PCT International Applications)

ATTORNEY'S DOCKET NUMBER 19603/461 (CRF D-1595A)

As a below named inventor, I hereby declare that:

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77843

My residence,	post	office	address	and	citizenship	are	as	stated	below	next	to	my	name	∍.
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the spec	cification of whic	h (check only	one item	m below):				
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[x]	was filed as Unit Serial No08/7	ed States app	plication					
-	on Febr	uary 4, 1997						
	and was amended on					(i:	f applicabl	Le).
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	was filed as PCT on (if applicable).	and was a	iliciiaca aii				1	
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application and have certificated to the certification of the certificat	by claim foreign property of application(s) for ation(s) designation of the also identified icate or any PCT in the United States of the	ng at least o below any fo nternational F America fil	ne countr reign app applicati .ed by me	ry other than plication(s) fon(s) designation the same s	the on for pat ating a subject	ent o t lea matt	r inventor st one cou	's htry othe
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1	UNITED STATES	60/011	60/011,359		9 FEB 1996		[X] YES [ ] NO	
							[ ] YES [	] NO
applic Americ of thi provid duty t	eby claim the benefication(s) or PCT in ca that is/are list is application is a ded by the first pa to disclose materia (a) which occurred that or PCT Interna	ternational and below and to disclosed tragraph of The information of the between the	applicati , insofar in that/ itle 35, n as defi filing d	on(s) designa as the subje those prior a United States ned in Title late of the pr	ct mate pplica Code, 37, Co	ne Uni ter of tion(s § 112 de of	fed States each of t in the m I acknow Federal Re	he claim anner ledge the gulation
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## COMBINED DECLARATION FOR PATENT APPLICATION AND POWER ATTORNEY (Continue)



ATTORNEY'S DOCKET NUMBER 19603/461 (CRF D-1595A)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/c agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. Michael L. Goldman, Registration No. 30,727

Send Correspondence to: Michael L. Goldman Nixon, Hargrave, Devans & Doyle LLP Clinton Square, P. O. Box 1051 Rochester, New York 14603 Direct Telephone Calls to: (name and telephone number Michael L. Goldman (716) 263-1304

	Rochester	New York 14603	1 (/1	6) 263-1304	
	FULL NAME OF INVENTOR	FAMILY NAME Barany	FIRST GIVEN NAME Francis	SECOND GIVEN NAME	
2 0 1	RESIDENCE & CITIZENSHIP	CITY New York	STATE/FOREIGN COUNTRY New York	COUNTRY OF CITIZENSHIP USA	
<b>-</b>	POST OFFICE ADDRESS	P.O. ADDRESS 450 E. 63rd Street Apt. #12C	CITY New York	STATE & ZIP CODE/CTRY New York 10021/USA	
	FULL NAME OF INVENTOR	FAMILY NAME Barany	FIRST GIVEN NAME George	SECOND GIVEN NAME	
2 0 2	RESIDENCE & CITIZENSHIP	CITY Falcon Heights	STATE/FOREIGN COUNTRY Minnesota	COUNTRY OF CITIZENSHIE USA	
	POST OFFICE ADDRESS	P.O. ADDRESS 1813 Prior Ave. North	CITY Falcon Heights	STATE & ZIP CODE/CTRY Minnesota 55113/USA	
	FULL NAME OF INVENTOR	FAMILY NAME Hammer	FIRST GIVEN NAME Robert	SECOND GIVEN NAME P.	
2 2 2 3	RESIDENCE & CITIZENSHIP	CITY Baton Rouge	STATE/FOREIGN COUNTRY Louisiana	COUNTRY OF CITIZENSHIE USA	
	POST OFFICE ADDRESS	P.O. ADDRESS 4967 Tulane Drive	CITY Baton Rouge	STATE & ZIP CODE/CTRY Louisiana 70808/USA	
	FULL NAME OF INVENTOR	FAMILY NAME Kempe	FIRST GIVEN NAME Maria	SECOND GIVEN NAME	
2 0 4	RESIDENCE & CITIZENSHIP	CITY Minneapolis	STATE/FOREIGN COUNTRY Minnesota	COUNTRY OF CITIZENSHIE Sweden	
Hand Hand	POST OFFICE ADDRESS	P.O. ADDRESS 401 South 1st Street, Apt. 1404	CITY Minneapolis	STATE & ZIP CODE/CTRY Minnesota 55401/USA	
	FULL NAME OF	FAMILY NAME Blok	FIRST GIVEN NAME Herman	SECOND GIVEN NAME	
0 5	RESIDENCE &	CITY Wemeldinge	STATE/FOREIGN COUNTRY Netherlands	COUNTRY OF CITIZENSHII Netherlands	
	POST OFFICE ADDRESS	P.O. ADDRESS Westelijke Kanaalweg 53	CITY Wemeldinge	STATE & ZIP CODE/CTRY 4424 BG Wemeldinge /Netherlands	
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2	RESIDENCE &	CITY New York	STATE/FOREIGN COUNTRY New York	COUNTRY OF CITIZENSHI	
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## COMBINED DECLA FION FOR PATENT APPLICATION AND POWER OF ATTORNEY (Includes Reference to PCT International Applications)

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	on					(if applicab	ole).		
[ ]	was filed as	PCT internationa	l applica	tion Number _	le 19 on				
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his application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).  his application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).  his application foreign priority benefits under Title 35, United States Code, § 119 of any region application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least older below the same also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing late before that of the application(s) of which priority is claimed:									
PRIOR F	OREIGN/PCT AF	PLICATION(S) AND	ANY PRIOR	ITY CLAIMS UN	IDER 35 U	J.S.C. 119:	·		
	COUNTRY indicate "			DATE OF FILING (day, month, year)		PRIORITY C	PRIORITY CLAIMED UNDER 35 USC 119		
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applica America of this provide duty to	ation(s) or Post that is/are sapplication and by the fire of disclose man (a) which occur	cenefit under Tit T international listed below and is not disclosed st paragraph of T terial informatio urred between the	application , insofar , in that/title 35, to as define def	on(s) designa as the subject those prior a Inited States ned in Title ate of the pr	cing the ct matter pplication Code, § 37, Code ior appli	r of each of on(s) in the 112, I ackno of Federal R	the claims manner wledge the egulations,		
PRIOR U	J.S. APPLICAT	IONS OR PCT INTER				ING THE U.S.	FOR BENEFIT		
UNDER	35 U.S.C. 120	: PPLICATIONS	<u> </u>		STATUS	(Check One)			
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	PCT APPLI	CATIONS DESIGNAT	ING THE U.	s.					
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### COMBINED DECLARATION OR PATENT APPLICATION AND POWER OF AT RNEY (Continue)

TORNEY'S DOCKET NUMBER 603/461 (CRF D-1595A)

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Rochester, New York 14603 (716) 283-1304						
	FULL NAME OF INVENTOR	FAMILY NAME Barany	FIRST GIVEN NAME Francis	SECOND GIVEN NAME		
2 0 1	RESIDENCE & CITIZENSHIP	CITY New York	STATE/FOREIGN COUNTRY New York	COUNTRY OF CITIZENSHIP USA		
_	POST OFFICE ADDRESS	P.O. ADDRESS 450 E. 63rd Street	CITY New York	STATE & ZIP CODE/CTRY New York 10021/USA		
	FULL NAME OF INVENTOR	Apt. #12C FAMILY NAME Barany	FIRST GIVEN NAME George	SECOND GIVEN NAME		
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statement may jeopardize the validity of the application or any patent issuing thereon.

validity of the application of any patent issuing thereon.		
SIGNATURE OF INVENTOR 201	SIGNATURE OF INVENTOR 202	SIGNATURE OF INVENTOR 203
DATE	DATE	DATE
SIGNATURE OF INVENTOR 204	SIGNATUR OF PAVENTOR 205	SIGNATURE OF INVENTOR 206
DATE	DATE 21 April 1997	DATE